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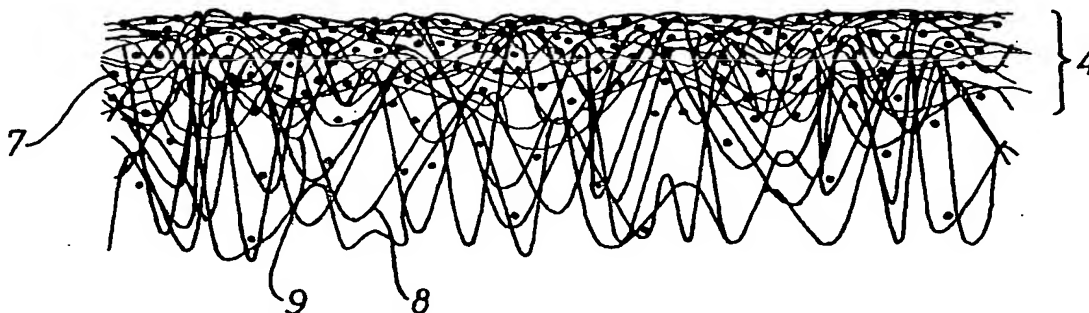
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(54) Title: ACOUSTICALLY EFFECTIVE NONWOVEN MATERIAL FOR VEHICLE LINERS



(57) Abstract: An acoustically effective nonwoven for linings of motor vehicles comprises a porous fibrous skeleton made of coarse fibers (8). These coarse fibers (8) comprise in particular staple fibers or spun-bonded fibers. A continuously changing weight quota of melted-on microfibrous material (7) is foreseen in a front and/or rear surface region (4). This melted-on microfibrous material (7) clings to the coarse fibers (8) and bonds these in such a manner that the nonwoven has a predetermined airflow resistance and is stiffened at least in its surface region (4). The airflow resistance in the surface region (4) has a value of between 200 - 60000 Nsm<sup>-3</sup>, in particular between 800 - 35000 Nsm<sup>-3</sup>, preferably between 1000 - 20000 Nsm<sup>-3</sup>, and mainly about 1400 Nsm<sup>-3</sup>. The bending stiffness of this fibrous nonwoven has a value of between 0.005 and 10 Nm, and in particular a value of between 0.25 and 6.0 Nm.

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